

**37th Annual Meeting, APS Division of Plasma Physics
6-10 November 1995—Louisville, KY**

ABSTRACT SUBMITTAL FORM

Subject Classification Category 3.1 ☐ Theory ☐ Experiment

Laser Fusion Education at LLNL * Donald Correll, Eileen Vergino, and Camille Bibeau - Lawrence Livermore National Laboratory - At LLNL, the ICF Program is combining its fusion energy education K-12/teacher enhancement projects with its graduate student research activities in order to develop a K through Grad integrated education program. This Laser Fusion K-Grad integrated program will simultaneously promote science education and provide scientific career opportunities. The education outreach programs and graduate research opportunities already underway at LLNL are being evaluated with the Nova laser as a backdrop to develop a model for a new education project for DOE's Defense Programs' proposed National Ignition Facility (NIF). NIFTY (NIF for Teachers and Youth) will not only provide thematic immersion curricula for K-12 students and teachers in the topic of laser fusion, but will also simultaneously provide opportunities for students and teachers to partner with LLNL scientists to investigate research topics. The goal of this K-Grad program is to allow the NIF to become an education community user facility. *Work performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract W-7405-ENG-48.

- ☒ Prefer Poster Session
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